

Date: Thu, 9 Dec 93 00:44:30 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1439  
To: Info-Hams

Info-Hams Digest                    Thu, 9 Dec 93                    Volume 93 : Issue 1439

Today's Topics:

    10m sked needed  
    94 MHz L.O./ Case Ground??????  
        Alinco DJF1T-HP dead  
    ARRL's callsign admin position  
        Diodes of config. on Knw  
            ENDEAVOUR  
        Hamblaster updates  
    HYPOCRISY WARNING (was Re: Pyramid Schemes)  
        LX1NW QSL  
        Reporting Constant QRM: who?  
    Scratchi, January, 1960 (2 msgs)  
        Scratchi article  
        Weird QRM  
    Windows Based Ham Programs

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Mon, 6 Dec 1993 21:20:52 GMT  
From: nntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!  
math.ohio-state.edu!sol.ctr.columbia.edu!usenet.ucs.indiana.edu!  
silver.ucs.indiana.edu!djadams@network.ucsd.edu  
Subject: 10m sked needed  
To: info-hams@ucsd.edu

Greetings! I've put up a new 10m dipole and would like to try it out  
this weekend. I'll be calling on USB around 28.350khz between 1500

and 1600 this saturday....(that should be 28.350Mhz, by the way)...  
Could anyone with their radios on make a special effort to listen for  
my call? Thanx.

73 de Dave, N9UXU

David J Adams, N9UXU Internet: djadams@silver.ucs.indiana.edu  
Amiga User and Flow Cytometry Advocate  
Looking for a mobile 2m and/or 70cm rig  
Conure Society of America. "Push the button Frank..."

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Date: Tue, 07 Dec 1993 17:18:04 GMT  
From: yuma!galen@purdue.edu  
Subject: 94 MHz L.O./ Case Ground??????  
To: info-hams@ucsd.edu

I'm building a 94 MHz Local Oscillator, and the transistor has a case ground pin. Should I ground it or cut it off? It's an NPN transistor in a T0-72 case (little metal can).

Many thanks,  
Galen, KF0YJ

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Date: 3 Dec 1993 09:49:26 -0500  
From: swrinde!sdd.hp.com!hpscit.sc.hp.com!hpuerca.atl.hp.com!hpuerca!  
edh@network.ucsd.edu  
Subject: Alinco DJF1T-HP dead  
To: info-hams@ucsd.edu

In<1993Dec2.181411.1575@venus.iccmc.ca>pas@jupitercmc.ca (Peter Stokes) writes:

>When looking for an HT, I was warned to keep away from the  
>Alinco rigs due to reliability problems. I bought a Yaesu  
>FT530. No problems with it in its first 4 months of life.  
>Peter

!!Bad enough that Peter shied away from Alinco on the basis of the rumor-mill. I'm glad he is happy with his Yaesu; they make fine products. Unfortunate that he felt the need to post a negative comment on the Alinco \_without\_ any personal use!!

For the record: My house of hams has a DJ-160, two DJ-580's, and a DR-590 mounted in my truck using the remote head kit.

We have dropped the h/t's, used them till the case filled with rain water, drained the battery packs sequentially during long days of public service work, and overheated the poor things by using them in some pretty trying packet work (when our Kenwood mobile rig used for packet gave up the ghost). They bounce around in our vehicles without complaint and have never failed in use. I've never gotten a bad signal report while using any of these radios. Other than the unfortunate choice of placement of the SCAN button on the DR-590, I have no operational complaints.

The above is all hands-on. And yes, I own other brands as well; the original question was about the DJ-F1. I have used the F1; a friend owns one and is very happy with it. Using his F1 helped persuade me to buy the DJ-580's for my wife and myself. My friend is not alone in his satisfaction with the DJ-F1 as he convinced some other hams to get the same radio.

It is unfortunate about the original poster experiencing a failure. Electronic devices, radio and otherwise, are funny about that. I could comment on failures I've personally seen on other ham rigs. That would also beg the question of the Alinco rigs. So far, my personal use has been highly satisfactory; I have seen enough other satisfied users to conclude I am not an isolated case.

Cheers & 73  
Ed Humphries--N5RCK  
Hewlett Packard NARC Atlanta GA  
edh@hpuerca.atl.hp.com

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Date: Mon, 6 Dec 1993 14:47:53 GMT  
From: netcomsv!netcom.com!greg@decwrl.dec.com  
Subject: ARRL's callsign admin position  
To: info-hams@ucsd.edu

In article <2dvabk\$3og@mailer.fsu.edu> michaela@freenet2.scri.fsu.edu (Michael Christie) writes:  
>  
>Re: Call Sign Administration Hassle  
>  
>Nice set of comments, Brian. You are right on target.  
>  
>ARRL needs to proceed slowly and responsibly on this one. I thought  
>they had their "politically smart" hat on these days, but after this  
>recent nonesense, I'm not so sure.

I see no indication that the ARRL has changed the fundamental assumption

which it has held over the years. Despite changing the wording of the 'Ham Radio Creed,' or whatever that rhetoric is, their fundamental position remains the same. (Does anyone remember the dreck under 'The Radio Amateur is Loyal' heading? The bit about 'he owes his amateur radio to the ARRL and offers it his unswerving loyalty?' That's what has changed, some time following the infamous ARRL vs. Wayne Green 'support incentive licensing or we'll sue you and drive you out of business' stuff.)

As far as I can tell, the ARRL's position is that they are the one and only voice of Amateur Radio in the US, whatever position the Board takes is immediately the one with which the majority of US Amateurs concur, and any interface to Federal policymakers should be through them, and them alone.

As evidence for this, I take:

- 1) The League's history of opposing any petition which does not come through them, as a matter of routine (a.k.a. 'not invented here' syndrome')
- 2) Having been told by League officers and staffers that if I left the ARRL, I was giving up all of my representation in Washington (as if I don't vote in Federal elections?).
- 3) Having watched, over the years, the ARRL's vigorous opposition to anyone or anything which presumed to encroach on 'its' territory. Particularly unfortunate, IMO, have been some of the underhanded efforts to silence anyone who would either compete for a role or present an opposing opinion.

In the ARRL's defense, I think that much of this has been in the honest belief that it is necessary to present the FCC bureaucracy with a united front. The latter is probably sensible, where possible. However, the League, in its zeal to do the best thing for the hobby, has all too often forgotten that this is a pluralistic society. I suspect that such oversight has caused particular rancor because of the number of people who are aware that it is only in a pluralistic society that ordinary folk are given the key (ahem) or microphone to a radio station which is capable of blanketing the entire society, indeed the globe, with the ideas of those ordinary folk.

It seems to me that the Board of Directors would do well, in presenting position papers to the FCC, to pursue a policy of also bringing forward an occasional 'dissenting opinion,' from within the ranks of amateur radio. In doing so, they would increase their stock by demonstrating that they truly ARE representative of amateur radio as a whole.

As far as I can tell, (my literature collection goes back pretty far), the ARRL had few enemies from within the ranks until the mid-sixties and the incentive licensing debacle (and by 'debacle,' I don't mean the fact that we now have incentive licensing, I mean the manner in which the parties interacted at the time). That was almost thirty years ago.

It seems to me that it's high time that the ARRL board went to some lengths to extend an olive branch to the enemies made by another board, a generation ago. And, in the process, to try and understand how previous boards made enemies, and modify practices such that this ideal of being truly representative can be achieved. After thirty years, it's clear that it won't be achieved by trying to whip the rank and file into line.

Greg

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Date: Tue, 7 Dec 1993 17:16:13 GMT  
From: sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!EU.net!news.inesc.pt!  
animal.inescn.pt!bart!avale@network.ucsd.edu  
Subject: Diodes of config. on Knw  
To: info-hams@ucsd.edu

Hello,

I have one Kenwood TR751E all mode 2m, and I need use the tone encoder TU-7 that I already have.

In the schematic and technical manual do not refer what to do with the config. diodes D3, D4, D5, D6 and D7 on the Control Unit. What are the individual function of each other. The D14 is on the owner manual and is to config. the step, but the others!? I only need to inform the unit that he has the TU-7 installed.

If anyone of you have this kind of information, or the email/internet of Kenwood, I will thank you a lot.

73, Antonio (CT1DZY)      E-mail: avale@bart.inescn.pt

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Date: 8 Dec 93 13:32:25 GMT  
From: ogicse!emory!news-feed-1.peachnet.edu!gatech!swrinde!cs.utexas.edu!not-for-mail@network.ucsd.edu  
Subject: ENDEAVOUR  
To: info-hams@ucsd.edu

>  
> Does anybody know what frequency/frequencies the Endeavour shuttle-craft  
> will be using on its latest mission to repair the Hubble?

>  
>  
>

Graham (VE7 BBZ)

This was posted last week on r.r.scanner:

>From: msaran@pt.olympus.net (Mark Saran)  
>Newsgroups: rec.radio.scanner  
>Subject: heard sts last pm  
>Date: 5 Dec 1993 16:59:08 -0800

Had a fun experience last night. Before I went to bed I put all the STS freq's that I knew of in my scanner. Because I am so far north (20 miles from Canada) I knew that I was right on the edge of STS-61's footprint and there would be some passes in the middle of the night. I was surprised to be able to hear about 1 min. of audio from an eva. The signal faded very fast.

Sorry I can't tell you what freq or time. - I choose to go back to sleep -so much for my dedication to the hobby.

Possible freq.'s are:

296.8 MHz - air to ground, or orbiter to suit  
259.7 MHz - air to ground, or suit to orbiter  
279.0 MHz - suit to orbiter or suit to suit  
243.0 MHz - standard Mil aircraft emergency freq.  
Others 259.8 MHz 324.9838 MHz

Good hunting

--

Mark Saran  
msaran@pt.olympus.net

Peter Laws <plaws@comp.uark.edu> | "That's the President of the United States  
n5uwy@ka5bml.ar.usa.noam | you're talking about, pinhead." -VP Al Gore

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Date: Mon, 6 Dec 1993 18:01:52 GMT  
From: amiserv!vpnet!tellab5!jwa@uunet.uu.net  
Subject: Hamblaster updates  
To: info-hams@ucsd.edu

The Hamblaster Update

Over the past several months I posted updates about a  
DSP "The Hamblaster" that Will Torgrim (N9PEA) and myself

are developing.

We are focusing our efforts on a packet modem that allows the user to improve H.F. reception by interfacing the Hamblaster (a PC compatible DSP sound board) to a transceiver and a packet or all mode TNC. Modems/filters for RTTY, Packtor, Amtor are also under development and are compatible with the same control panel software.

Here are the latest developments

- 1) The packet modem is loaded from a disk file and allows the user to interface to his radio using an A to A (analog to analog) connection. The DSP outputs a regenerated FSK signal that can be tuned to match the TNC or RTTY modem. The DSP also has a digital connection (A to D) for interfacing directly to the TNC's digital logic. I use a cable that connects a PK232 via the external modem port.
- 2) We do Windows! I spent about 16 hours this weekend on the Windows software. There's a receive/demodulator control panel that allows me to control the FSK demodulator's filter center frequency using a mouse driven sidebar. There's also an on screen tuning indicator that mirrors the tuning sidebar. You tune the filter by moving the mouse cursor over the filter tune slide bar button and when you press the left mouse button the slide bar button moves.
- 3) A new option allows me to lock the tuning indicator to the "Filter Tune" slide bar. The Hamblaster sends frequency information, that it hears at the output of the first filter, to the PC via the PC's I/O expansion port. Even in noisy conditions it can count the center frequency of an FSK signal. The tuning indicator does jump around in noisy conditions
- 4) A new Windows control panel provides an on screen digital storage oscilloscope. By pressing the "SNAP SHOT" button, you can capture 4 signals and display the traces in a graphics window. The traces can be resized or you can move the window left or right. About 100 ms per trace is acquired.

#### The modem block diagram

```
/ Mark filt\  
input--filter1--limiter--filter2 --slicer--data  
                                \ Space filt/
```

You can select or attach the 4 traces to any of the signals that are displayed on a block diagram in the o-scope control panel. The Hamblaster captures the signals and stores them in it's own memory. Then the PC gets the data from the Hamblaster via the PC I/O port and stores it in the PC memory. Then the software displays the aquisition by getting the data from the PC RAM. The process takes about 2 to 3 seconds (the DOS version takes about 1/2 the time to execute).

- 5) Using Windows multitasking, you can run the Hamblaster software and your favorite a packet program (like PC Packratt). I was even able to run two instances of the same Hamblaster software. Both control panals displayed the tune bar and responded it real time. I also got two o-scope aquisitions.

Ongoing developments;

- 1 Post detection carrier detect.
- 2 HDL protocol decoding
- 3 Morse code detection/regeneration
- 4 Adaptive voice filter.
- 5 FFT analysis.
- 6 Sound recording.
- 7 DTMF & PL tone detection.

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Jack Albert                            Fellow Radio Hacker  
Tele (708) 378-6201  
Tellabs Operations, Inc.            FAX (708) 378-4590  
1000 Remington Blvd.                jwa@tellabs.com  
Bolingbrook, IL 60440

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THE BOWTIE FILTER

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Date: Thu, 2 Dec 1993 21:46:52 GMT  
From: netcomsv!netcom.com!msattler@decwrl.dec.com  
Subject: HYPOCRISY WARNING (was Re: Pyramid Schemes)  
To: info-hams@ucsd.edu

Dana Myers (myers@cypress.West.Sun.COM) wrote:

: Goodness, you mean Jeff "CENSORSHIP WARNING" Herman actually supports  
: the censorship of someone's Usenet access based on the content of the messages  
: they send?

There *\*is\** a difference between an opinion you don't like and  
an "intent to defraud" (in the words of the U.S. Postal Service).  
Anyone pushing Ponzi (pyramid) schemes deserves to be flogged  
with a mag-mount 2m antennae (IMHO).

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Michael S. Sattler msattler@netcom.com +1 (415) 621-2903  
Digital Jungle Software Encrypt now; ask me how. (finger for PGP key)

All that is required for evil to triumph is  
for {wo}men of good will to do nothing.

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Date: Fri, 3 Dec 93 13:35:00 -0600

From: nntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!  
cs.utexas.edu!swrinde!menuido.uh.edu!nuchat!cld9@mario.campos@network.ucsd.edu  
Subject: LX1NW QSL  
To: info-hams@ucsd.edu

Quoting HAM@WAM.UMD.EDU to ALL concerning LX1NW QSL info?:

++ HAM@WAM.UMD.EDU to ALL -----+  
|  
|sible QSL manager before I go and spend a buck and a half to get this|  
|card?  
+-----+

A buck and a half! God, I sent more than that 15 years ago to get needed  
cards - \$2 & \$3. Loosen up - send the guy a couple green stamps!

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Mario A. Campos - N6ALS | mario.campos@nitelog.com | DXCC #24824  
Monterey, CA 93940 USA | N6ALS@K6LY.#NOCAL.CA.USA.NA | WAS #33960

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Message written at 8:23am, on Friday, December 3, 1993.

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\* [R2.00o] \* Usenet \* Nitelog BBS \* Monterey CA \* 408-655-1096

-----  
Date: Thu, 2 Dec 1993 21:50:07 GMT  
From: netcomsv!netcom.com!msattler@decwrl.dec.com  
Subject: Reporting Constant QRM: who?  
To: info-hams@ucsd.edu

Randy (randy@cyphyn.radnet.com) wrote:  
: For the past couple of years this one guy ( who everyone knows ) has  
: been causing malicious QRM...  
  
: WHO do we send our logs of all his doings to?

Luck Hurder at ARRL says that you should contact your local  
ARRL person. These are (allegedly) listed in QST.

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Michael S. Sattler msattler@netcom.com +1 (415) 621-2903  
Digital Jungle Software Encrypt now; ask me how. (finger for PGP key)

All that is required for evil to triumph is  
for {wo}men of good will to do nothing.

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Date: 8 Dec 93 21:57:21 GMT  
From: hayes!bcoleman@uunet.uu.net  
Subject: Scratchi, January, 1960  
To: info-hams@ucsd.edu

In article <gregCHo43F.9o4@netcom.com>, greg@netcom.com (Greg Bullough) writes:  
>  
> However, the posting of racist material without some explanation is  
> distinctly unwelcome, and may be extremely offensive to some who read  
> this forum.

Granted. Why don't we have a show of hands of those who were offended by  
the Scratchi editorial?

> I would hope that we would endeavor to include as many people as possible  
> in this forum; blindly posting racially offensive material is not the  
> way to do that.

Greg, I think you are overreacting. While the material in Scratchi may have

the potential for offense, let's be clear here that someone was actually offended before we send Myron away.

All this political correctness is enough to make one puke.

--  
Bill Coleman, AA4LR ! CIS: 76067,2327 AppleLink: D1958  
Principal Software Engineer ! Packet Radio: AA4LR @ W4Q0  
Hayes Microcomputer Products, Inc. ! UUCP: uunet!hayes!bcoleman  
POB 105203 Atlanta, GA 30348 USA ! Internet: bcoleman%hayes@uunet.uu.net  
Disclaimer: "My employer doesn't pay me to have opinions."  
Quote: "The same light shines on vineyards that makes deserts." -Steve Hackett.

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Date: Tue, 7 Dec 1993 20:27:56 GMT  
From: olivea!news.bu.edu!att!cbnewsm!hellman@uunet.uu.net  
Subject: Scratchi, January, 1960  
To: info-hams@ucsd.edu

Val: since you have a 40 mtr dipole, you might convert it into a center fed wire to try it on 80. What you want to do is short the inner and outer coax conductors and then make a short single wire connection to your tuner (such that you DO NOT just ground the tuner output). That will turn your dipole into an L antenna with the feedline radiating as (hopefully) a vertical. It sometimes works surprisingly well-- just be careful --- the coax connector will be at rf ---- .

If your feedline is ladder line, I believe this is called a Marconi antenna, but it can be used with coax ---I do this to use my 80 meter dipole on 40 and some people do this to use their 80 meter antenna on 160.

73 Shel Darack WA2UBK dara@physics.att.com

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Date: 9 Dec 93 08:16:27 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Scratchi article  
To: info-hams@ucsd.edu

I think that the Scratchi text was not blatantly racist, but does portray a stereotype of Asians. This stereotype (poor English but high technical skills, use of the word "honorable" like in cheesy movies) isn't outrightly negative but subtly so. It's like one kid picking on another by imitating him in some way. But when the victim complains, the teacher doesn't see it, so nothing happens. Still, it might bother the imitated, even though the intent probably (I hope!) wasn't to slander people of Asian descent.

I realize that this article is over 30 years old, and can be viewed as a

sort of "museum piece" today. Also, I hope that Asians today are thick-skinned enough to not be bothered by this. But I still think we need to watch out for subtle racism. I'm not big into PC, but I do believe that people shouldn't try to offend others.

Sincerely,  
Scott Gigot, N9VOM  
segigot@students.wisc.edu

The ticket was the easy part; now I need to get the FCC to send me a radio!

P.S. 7 weeks, 2 days for the license to arrive

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Date: Mon, 6 Dec 1993 21:17:08 GMT  
From: nntp.ucsb.edu!library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!  
sol.ctr.columbia.edu!usenet.ucs.indiana.edu!silver.ucs.indiana.edu!  
djadams@network.ucsd.edu  
Subject: Weird QRM  
To: info-hams@ucsd.edu

Greetings! I was working 80m the other night sending out my usual 559 signal (I've GOT to get a better antenna up!), when I got a weird sounding signal on my frequency. It sounded exactly like the annoying tone you get when you leave the phone off the hook.

Well...I thought this was strange so, I moved up about 10 khz to a clear freq. Called QRL?...no answer...started tapping CQ...after about 3 calls, it's back....moved back to my old freq...qrl...clear...cq a few times... tone is back and LOUD!..changed a few more times and it kept following me..I eventually turned the radio off in frustration...Does anyone know what this might be?...or is it a who?

Thanks!

73 de Dave, N9UXU

David J Adams, N9UXU Internet: djadams@silver.ucs.indiana.edu  
Amiga User and Flow Cytometry Advocate  
Looking for a mobile 2m and/or 70cm rig  
Conure Society of America. "Push the button Frank..."  
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Date: Thu, 2 Dec 1993 22:19:48 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!  
hpscit.sc.hp.com!cupnews0.cup.hp.com!jholly@network.ucsd.edu  
Subject: Windows Based Ham Programs  
To: info-hams@ucsd.edu

Kenneth L Florence (klf@ecdcsvr.tredydev.unisys.com) wrote:  
: Hi All, Besides the commercial packages available, are there any Windows  
: based ahm programs available. What I am specifically looking for are a  
: fair to gud Windows Packet pgm and a Windows based Rig keyer pgm. I hv  
: seen a commercial package that is a complete logging, packet, rig control  
: package (Logview, Packview, Rigview), but feel the performance of the Log  
: database is terrible (at least for a 386sx!). If you hv seen anything gud  
: or hv written one urself, plz let me know. Tnks. De KA3PLS, Ken....

There is a shareware product called writelog(?). I think it is on Simtel  
and the mirrors. Don't know if it does rig control. My experience is that  
windows on a 386sx leaves much to be desired....but then again I work on  
a fairly good box at work. DXlog and others work fine from a DOS environment.  
For contesting there is CT, NA, and N6TR's programs. For CQP, SS and WPX  
AE6Y puts out a freeware window program.

73, Jim, WA6SDM  
jholly@cup.hp.com

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End of Info-Hams Digest V93 #1439  
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